

C L A I M S

1. Thin block copolymer modified bituminous felts, comprising at least one block copolymer, comprising at least two poly(vinyl aromatic) blocks and at least one poly(conjugated diene) block, in a weight proportion of from more than 20 to 50 wt%, relative to the weight of the block copolymer and bitumen and optionally at least one filler, in a weight proportion in the range of from 0 to 50 wt%, relative to the weight of the complete composition and wherein the respective weight proportions of block copolymer, bitumen and filler add up to 100%.
2. Thin block copolymer modified bituminous felts according to claim 1, wherein the weight proportions of block copolymer is in the range of from more than 20 to 40 wt%, relative to the weight of the block copolymer and bitumen.
3. Thin block copolymer modified bituminous felts according to claims 1 and 2, having a service temperature of from 140-200°C and a cold bend temperature of from -35°C or lower.
4. Thin block copolymer modified bituminous felts according to claim 1, wherein the block copolymer is a linear triblock copolymer S-B-S, optionally mixed with diblock S-B, wherein each S independently represents poly(styrene) and each B independently represents poly(butadiene) and wherein the diblock copolymer occurs in a weight proportion of from 0 to 35 wt%.
5. Thin block copolymer modified bituminous felts according to claim 1, wherein the bound poly(vinyl aromatic) content in the block copolymer is in the range of from 25 to 45 wt%.

6. Thin block copolymer modified bituminous felts according to claim 1, wherein the 1,2-addition in the conjugated diene polymerization is in the range of from 5 to 65 mole% and preferably from 8 to 45 mole%.
7. Thin block copolymer modified bituminous felts according to claim 1, having a thickness of from 1 to 5 mm, preferably from 1.5 to 2.5 mm if they are envisaged as roofing felts, or preferably from 2.5 to 3.5 mm if they are envisaged as bridge deck layers.
8. Thin block copolymer modified bituminous pavements, comprising at least one block copolymer, comprising at least two poly(vinyl aromatic) blocks and at least one poly(conjugated diene) block, in a weight proportion of from more than 20 to 50 wt%, relative to the weight of the block copolymer and bitumen and optionally at least one filler, in a weight proportion in the range of from 0 to 50 wt%, relative to the weight of the complete composition and wherein the respective weight proportions of block copolymer, bitumen and filler add up to 100%.
9. Block copolymer modified bituminous compositions, wherein the bitumen has a penetration value at 25°C (according to ASTM D5) in the range of from 10 to 350 dmm, and wherein the block copolymer occurs in a weight proportion in the range of from more than 20 to 50 wt%, relative to the weight of bitumen and block copolymer.
10. Use of thin block copolymer modified bituminous felts according to claims 1-7 for roofing and application in construction and/or building industry.